

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/003914

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/0065 G03H1/04 G11C13/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B G03H G11C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ASHLEY J ET AL: "HOLOGRAPHIC DATA STORAGE" IBM JOURNAL OF RESEARCH AND DEVELOPMENT, IBM CORPORATION, ARMONK, US, vol. 44, no. 3, May 2000 (2000-05), pages 341-368, XP001032041 ISSN: 0018-8646 the whole document	1-6
Y	US 5 757 410 A (SUNAGAWA ET AL) 26 May 1998 (1998-05-26) the whole document	1,2,4,6
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

12 May 2005

Date of mailing of the international search report

20/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hermann, R

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 365 (P-1397), 6 August 1992 (1992-08-06) -& JP 04 113308 A (NIPPON TELEGR & TELEPH CORP <NTT>), 14 April 1992 (1992-04-14) abstract; figures 1-8 -----	1-4,6
Y	US 2003/222980 A1 (MIYAGAKI KAZUYA ET AL) 4 December 2003 (2003-12-04) paragraphs '0097! - '0143!, '0293! - '0394!, '0516!; figures 1,2,18-23 -----	1,2,4-6
Y	US 4 198 158 A (KNOWLTON, KENNETH C) 15 April 1980 (1980-04-15) column 2, line 46 - column 4, line 63; figures 1-10 -----	1,2,4,6

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5757410	A	26-05-1998	JP	9265139 A	07-10-1997
JP 04113308	A	14-04-1992	JP	2939826 B2	25-08-1999
US 2003222980	A1	04-12-2003	JP	2003248181 A	05-09-2003
			JP	2003259255 A	12-09-2003
US 4198158	A	15-04-1980	NONE		